

OIPE

RAW SEQUENCE LISTING

DATE: 08/02/2001

PATENT APPLICATION: US/09/812,238

TIME: 17:34:41

Input Set : A:\sequence.txt

Output Set: N:\CRF3\08022001\I812238.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Nicolette, Charles
 5 <120> TITLE OF INVENTION: THERAPEUTIC ANTI-MELANOMA COMPOUNDS
 8 <130> FILE REFERENCE: 126881309400
 10 <140> CURRENT APPLICATION NUMBER: US/09/812,238
 11 <141> CURRENT FILING DATE: 2001-03-19
 13 <160> NUMBER OF SEQ ID NOS: 19
 15 <170> SOFTWARE: FastSEQ for Windows Version 3.0

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ERRORED SEQUENCES

298 <210> SEQ ID NO: 4
 299 <211> LENGTH: 27
 300 <212> TYPE: DNA
 301 <213> ORGANISM: Homo sapiens
 303 <400> SEQUENCE: 4
 E--> 304 ~~wsnttygayc argtnccntt ywsngtn~~ *see item 9 on Error Summary Sheet* 27
 315 <210> SEQ ID NO: 6
 316 <211> LENGTH: 27
 317 <212> TYPE: DNA
 318 <213> ORGANISM: Homo sapiens
 320 <400> SEQUENCE: 6
 E--> 321 ~~ttywsngayc argtnccntt ywsngtn~~ *item 9* 27
 332 <210> SEQ ID NO: 8
 333 <211> LENGTH: 27
 334 <212> TYPE: DNA
 335 <213> ORGANISM: Homo sapiens
 337 <400> SEQUENCE: 8
 E--> 338 ~~ggngtngayc argtnccntt ywsngtn~~ *item 9* 27
 349 <210> SEQ ID NO: 10
 350 <211> LENGTH: 27
 351 <212> TYPE: DNA
 352 <213> ORGANISM: Homo sapiens
 354 <400> SEQUENCE: 10
 E--> 355 ~~atgacngayc argtnccntt ywsngtn~~ *item 9* 27
 366 <210> SEQ ID NO: 12
 367 <211> LENGTH: 27
 368 <212> TYPE: DNA
 369 <213> ORGANISM: Homo sapiens
 371 <400> SEQUENCE: 12
 E--> 372 ~~gcnathgayc argtnccntt ywsngtn~~ *item 9* 27
 383 <210> SEQ ID NO: 14
 384 <211> LENGTH: 27
 385 <212> TYPE: DNA
 386 <213> ORGANISM: Homo sapiens
 388 <400> SEQUENCE: 14
 E--> 389 ~~ytnathgayc argtnccntt ywsngtn~~ *item 9* 27

RAW SEQUENCE LISTING

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Input Set : A:\sequence.txt

Output Set: N:\CRF3\08022001\I812238.raw

400 <210> SEQ ID NO: 16
401 <211> LENGTH: 27
402 <212> TYPE: DNA
403 <213> ORGANISM: Homo sapiens
405 <400> SEQUENCE: 16
E--> 406 atggtngayc argtnccntt ywsngtn *dem 9* 27
417 <210> SEQ ID NO: 18
418 <211> LENGTH: 27
419 <212> TYPE: DNA
420 <213> ORGANISM: Homo sapiens
422 <400> SEQUENCE: 18
E--> 423 caygtngayc argtnccntt ywsngtn *dem 9* 27
425 <210> SEQ ID NO: 19
426 <211> LENGTH: 9
427 <212> TYPE: PRT
428 <213> ORGANISM: Homo sapiens
430 <400> SEQUENCE: 19
431 Ile Thr Asp Gln Val Pro Phe Ser Val
432 1 5
E--> 433 *1* *delete*

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/812,238

DATE: 08/02/2001

TIME: 17:34:42

Input Set : A:\sequence.txt

Output Set: N:\CRF3\08022001\I812238.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:304 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
L:321 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6
L:338 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:8
L:355 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10
L:372 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:12
L:389 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:14
L:406 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:16
L:423 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:18
L:433 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:19

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/812,238

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length
Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
 (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>
Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.